

### **ABSTRACT OF THE DISCLOSURE**

The invention provides an assay method for the determination of transcobalamin II (TC II) bound cobalamin in a body sample, comprising contacting a cell free sample of a body fluid with an immobilised or immobilizable specific binding ligand for TC II or cobalamin bound TC II (holo TC II), separating a ligand bound fraction from a non-ligand bound fraction and measuring the holo-TC II or TC-II bound cobalamin content therein.

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